

# Guodong Wang

## List of Publications by Year in descending order

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43  
papers

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citations

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677142

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Pd/PdO@ZnO-ZnO nanorods by using metal organic framework templated catalysts for selective detection of triethylamine. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130840.	7.8	33
2	Enhanced energy-storage performance in silver niobate-based dielectric ceramics sintered at low temperature. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165313.	5.5	11
3	Rational Design of SnO <sub>2</sub> Hollow Microspheres Functionalized with Derivatives of Pt Loaded MOFs for Superior Formaldehyde Detection. <i>Nanomaterials</i> , 2022, 12, 1881.	4.1	9
4	Preparation of Au@ZnO Nanofilms by Combining Magnetron Sputtering and Post-Annealing for Selective Detection of Isopropanol. <i>Chemosensors</i> , 2022, 10, 211.	3.6	8
5	Strong sulfur passivation effects on the gas sensitivity of an In <sub>0.3</sub> Ga <sub>0.7</sub> As surface quantum dots coupling structure. <i>Journal of Crystal Growth</i> , 2021, 560-561, 126058.	1.5	2
6	Photoluminescence study of the In <sub>0.3</sub> Ga <sub>0.7</sub> As surface quantum dots coupling structure. <i>Optoelectronics Letters</i> , 2021, 17, 302-307.	0.8	0
7	Constructions of new abundant traveling wave solutions for system of the ion sound and Langmuir waves by the variational direct method. <i>Results in Physics</i> , 2021, 26, 104375.	4.1	24
8	Sensing platform of PdO-ZnO-In <sub>2</sub> O <sub>3</sub> nanofibers using MOF templated catalysts for triethylamine detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130126.	7.8	50
9	Modulated band structure and phase transitions in calcium hafnate titanate modified silver niobate ceramics for energy storage. <i>Chemical Engineering Journal</i> , 2021, 426, 131047.	12.7	31
10	High energy storage properties of lead-free Mn-doped (1-x)AgNbO <sub>3</sub> -xBi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> antiferroelectric ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 56-62.	5.7	66
11	Gas Sensitivity of In <sub>0.3</sub> Ga <sub>0.7</sub> As Surface QDs Coupled to Multilayer Buried QDs. <i>Photonic Sensors</i> , 2020, 10, 283-290.	5.0	5
12	High responsivity GaN nanowire UVA photodetector synthesized by hydride vapor phase epitaxy. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	7
13	Near-ultraviolet chip-based phosphor-converted solar-spectrum white light-emitting diode. <i>Optical Engineering</i> , 2020, 59, 1.	1.0	1
14	Electronic and hyperbolic dielectric properties of $ZrS_2/HfS_2$ heterostructures. <i>Physical Review B</i> , 2019, 100, .	1.2	12
15	Enhanced multiferroic properties of Bi <sub>0.85</sub> Nd <sub>0.15</sub> FeO <sub>3</sub> ceramics with excess Bi <sub>2</sub> O <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , 2019, 791, 200-207.	5.5	3
16	Photovoltaic effect of ITO/Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>3</sub> O <sub>12</sub> /Pt heterojunction structure. <i>Ferroelectrics</i> , 2019, 553, 36-42.	0.6	2
17	Solution Processed Organic Transistor Nonvolatile Memory With a Floating-Gate of Carbon Nanotubes. <i>IEEE Electron Device Letters</i> , 2018, 39, 111-114.	3.9	17
18	Strong Influence of Temperature and Vacuum on the Photoluminescence of In <sub>0.3</sub> Ga <sub>0.7</sub> As Buried and Surface Quantum Dots. <i>Photonic Sensors</i> , 2018, 8, 213-219.	5.0	4

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19	Optimization of top coupling grating for very long wavelength QWIP based on surface plasmon. Photonic Sensors, 2017, 7, 278-282.	5.0	2
20	Optical properties of bimodally distributed InAs quantum dots grown on digital AlAs <sub>0.56</sub> Sb <sub>0.44</sub> matrix for use in intermediate band solar cells. Journal of Applied Physics, 2017, 121, 214304.	2.5	5
21	A high extinction ratio THz polarizer fabricated by double-bilayer wire grid structure. AIP Advances, 2016, 6, .	1.3	17
22	Enhanced the optical transmission efficiency by funnel-shaped nanopore. , 2016, , .		1
23	Comparative study of photoluminescence from In <sub>0.3</sub> Ga <sub>0.7</sub> As/GaAs surface and buried quantum dots. Nanotechnology, 2016, 27, 465701.	2.6	17
24	Refining the phase diagram of PbZr <sub>1-x</sub> Sn <sub>x</sub> Ti <sub>y</sub> O <sub>3</sub> ceramics with 0.40% x 0.54 by crystal structural, dielectric response and hysteresis loop investigations. Ceramics International, 2016, 42, 9926-9934.	4.8	5
25	Crystal structure and electrical properties of AgNbO <sub>3</sub> -based lead-free ceramics. Ceramics International, 2016, 42, 18791-18797.	4.8	17
26	Antiferroelectricity in tantalum doped (Bi <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.94</sub> Ba <sub>0.06</sub> TiO <sub>3</sub> lead-free ceramics. Ceramics International, 2016, 42, 4313-4322.	4.8	33
27	Transmission property of one-dimensional multilayer graphene dielectric stack. Optik, 2016, 127, 2030-2035.	2.9	13
28	Development of hard high-temperature piezoelectric ceramics for actuator applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 9350-9354.	2.2	6
29	Au nanoparticles enhanced fluorescence detection of DNA hybridization in picoliter microfluidic droplets. Biomedical Microdevices, 2014, 16, 479-485.	2.8	15
30	Refractive index sensitivity analysis of long period fiber grating by new transfer matrix method. Optik, 2013, 124, 1767-1769.	2.9	1
31	Indirect Adaptive Dynamic Surface Control. Lecture Notes in Electrical Engineering, 2012, , 43-49.	0.4	0
32	Sensor Sensitivity Analysis of Long Period Fiber Grating by New Transfer Matrix Method. Lecture Notes in Electrical Engineering, 2012, , 503-509.	0.4	0
33	Temperature Sensitivity Analysis of LPFG by New Transfer Matrix Method. Lecture Notes in Electrical Engineering, 2012, , 1207-1213.	0.4	0
34	Decoupling Control Based on Dynamic Surface Control for MIMO Nonlinear Systems. , 2011, , .		1
35	Axial strain sensitivity analysis of long period fiber grating by new transfer matrix method. Frontiers of Optoelectronics in China, 2011, 4, 430-433.	0.2	1
36	Two kinds of tension in fiber Bragg gratings with cladding etched as the sinusoidal function. Optoelectronics Letters, 2010, 6, 48-50.	0.8	2

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37	Design of chirped fiber Bragg grating with ideal box spectra and smoothly time delay. , 2010, , .		0
38	Description of Cretaceous Sedimentary Sequence of the Quantou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 324-338.	0.6	21
39	Description of Cretaceous Sedimentary Sequence of the Second and Third Member of the Qingshankou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 288-313.	0.6	26
40	Description of Cretaceous Sedimentary Sequence of the First Member of the Qingshankou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies, and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 314-323.	0.6	40
41	Study of dynamic response on a MOEMS 2x2 optical switch. , 2005, 5625, 386.		0
42	Study on actuating voltage and switching time of a MOEMS optical switch. Optics and Laser Technology, 2005, 37, 601-607.	4.6	3
43	Squeeze film damping effect on switching time of a MOEMS optical switch. Optik, 2004, 115, 380-384.	2.9	1